Software Engineering/RPMS Update

ISC Meeting

June 2004

Albuquerque, NM

RPMS Applications Agenda

- **Business Applications covered by Sandra Lahi (Reg/3PB/AR & PAMS)**

- **EHR**

- **ARMS**

- **Pharmacy Point of Sale (POS)**

- **CHS/RCIS**

- **CRS (formerly GPRA+)**

- **Integrated Case Management**

- **Integrated Behavioral Health**

EHR – Electronic Health Record

- **Pre – Pharmacy OPv7.0/IPv5.0**
  - FileMan (VA Patches) v22.0 seq 131
    - **di__2200.1002k (released 3/10/2004)**
      - **IHS FileMan DI*22*1001**
  - Kernel Toolkit (VA Patches) v7.3 seq 63
    - **xt__0730.1002k (released 3/10/2004)**
      - **IHS Kernel Toolkit patch XT*7.3*1001**
  - HL7 (VA Patches) v1.6 seq 90
    - **hl__0160.1005k (released 4/8/2004)**
      - **IHS Kernel Toolkit patch XT*7.3*1001**
      - **Health Level Seven 1.6 patch 1004**
  - Kernel (VA Patches) v8.0 seq 273
    - **xu__0800.1010k (Patch test as of 6/22/2004)**
      - **IHS Kernel XU*8*1009**

EHR – Electronic Health Record

- **VA Health Summary v2.7 seq 60/64**
  - **(Beta test @ TC/Crow/WR/IHC/WS/Cher) as of 6/22/2004)**
- **VA Lexicon v2.0**
  - **(Beta test @ TC/Crow/WR/IHC/WS/Cher) as of 6/22/2004)**
    - **ACPT v2003 patch 2 must be installed**
    - **AUPN v99.1 patch 11 must be installed**

EHR – Electronic Health Record

- PIMS v5.3
  - (Beta test as of 6/22/2004) (re-release ASAP)
    - Required RPMS Resources (Minimum Software)
    - Utility Tables (AUT) 98.1 through patch 13
    - IHS VA Support Files (AVA) 93.2 through patch 18
    - IHS/VA Utilities (XB) 3.0 through patch 9
    - Patient Registration (AG) 7.0 through patch 1
    - IHS MAS5.0 though patch 7
    - IHS Patient Dictionaries (AUPN) 99.1 through patch 13
  - Rollout schedule:
    - Fairbanks & Kotzebue this week.
    - WW Hastings (6/30)/Whiteriver (7/12)/Red Lake (July 12) Ho-Chunk (7/19)/Rosebud (7/25)/Carl Albert (Ada) (8/2)
    - Training in ABQ scheduled for 7/7-7/9 & 8/8-8/9.
    - Phx 7/13-14 Bem 8/3-4 Port 8/31 Nash 9/2 Okc 10/5-6

EHR – Electronic Health Record

- **Radiology v5.0**
  - **(Beta test @ TC/Crow/WR/WS/Cher/Chinle) as of 6/22/2004) as of 6/17/2004) WW Hastings - 7/7.**
    - **If running Radiology v 4.0, must have patch 10 installed**
    - **MailMan v7.1**
    - **PIMS v5.3**
    - **Lexicon v 2.0**
    - **XB/ZIB v 3.0**
    - **Adverse Reaction Tracking v3.0**
    - **OE/RR v2.5**

EHR – Electronic Health Record

- PCE/Visit Tracking/Clinical Reminders v2.0/1.0/1.5
  - (Beta test @ TC/Crow/WR/IHC/WS/Cher as of 6/22)
    - AUPN v99.1 patch #11
    - PIMS v5.3
    - APCD v2.0 patch #7
- TIU v1.0
  - (Beta test @ TC/Crow/WR/IHC/WS/Cher as of 6/22)
    - PIMS v5.3
    - Visit Tracking Suite v2.0
    - VA Health Summary v2.7
    - VA Lexicon v2.0

EHR – Electronic Health Record

- **Laboratory v5.2p18**
  - (Patch test as of 6/22/2004)
    - LR*5.2*1016
    - Lexicon 2.0
    - PIMS 5.3

ARMS

- **Cache Compatible**
  - Patch Installed in Portland (Cache installed) and California (MSM) last week for testing.
  - Exports went well.
  - Expect release of patch within the next month.

Pharmacy Point of Sale (POS)

- **HIPAA compliant with all vendors that have been identified.**

- **New version will be SAC compliant:**
  - **Multi-divisional including reports**
  - **New Name and Number Space**

- **Task Order currently being drafted for Version 2.0.**

CHS/RCIS

CHS v3.1p10

- Released by (7/2/2004).

  - CHS Patch 10 will include default fields in the denial letter from the referral, and once the denial letter has been completed, the referral will automatically close.

  - Additional fields from the referral have also been added as defaults when entering the CHS PO.

CHS v4.0

- **CHSOs and ITSC CHS Team will meet in Albuquerque July 13 thru 15th.**

- **Discussion will be on CHS Action item list.**

- **Work has mainly focused on RCISv3.0 and CHSv4.0.**

RCIS v4.0

- **Will start Beta testing next week for RCIS V4.0.**

- **Anticipated national release date is 8/1/04.**

- **Test sites are Sells, San Xavier, Ft. Defiance, ASU, PIMC.**

Clinical Reporting System (formerly GPRA+)

- **The Clinical Reporting System (CRS -formerly GPRA+) is a software tool that reports specifically on clinical performance indicators that are based on data within RPMS. CRS is intended to eliminate the need for manual chart audits for evaluating and reporting clinical indicators.**
  - **CRS software must be updated annually to reflect changes in the logic descriptions and to add new indicators.**
  - **For FY05, CRS will report on 21 GPRA and 23 developmental or HEDIS indicators.**
  - **CRS FY05 will include a graphical user interface in addition to the roll-and-scroll interface.**

Integrated Case Management

- **Finishing up Requirements soon.**

- **Diabetes Management System**

- **Asthma Management System**

- **HIV Case Management System**

- **Cardiovascular Disease Management System (CVDMS)**

Integrated Case Management

- **Case management convergence project to design and develop an integrated case management interface.**

- **Although all of these applications are contained within the RPMS software application suite and pass clinical data into the PCC, each application maintains its own set of logic that is not shared with the other case management systems.**

- **Currently a provider cannot look at a patient record and easily identify if a patient has multiple chronic conditions, which healthcare reminders are most critical, and the significance of a lab value.**

Integrated Behavioral Health

- **BH GUI v1.4 Patch 1 beta testing complete, expect release by (7/2/04)**
  - Security and privacy of clinical information
  - Usability enhancements
  - PCC & Rx history
- **BHS V3.0 Patch 2 beta testing complete, expect release by (7/2/04)**
  - IPV/DV Screening exam code
  - CDMIS conversion logic